

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended March 13, 1954

Four cases of psittacosis—1 each in California, Connecticut, Montana, and Oregon—were reported for the current week. Laboratory evidence indicates that at least 3 cases have occurred in the Kings Mountain Area of North Carolina. Additional blood samples have been obtained for complement fixation tests. The cumulative total for the country as a whole is 29.

For the current week, a total of 1,389 cases of infectious hepatitis was reported as compared with 523 for the corresponding week of last year. The incidence for the first 10 weeks of the year is more than double that for the corresponding period of 1953. The cumulative total for 1954 is 12,830 as compared with 6,343 for the first 10 weeks of 1953.

New York State has reported 1,974 cases of infectious hepatitis, more than any other State this year. Other States reporting large numbers of cases are as follows: Virginia, 1,349; Iowa, 849; Minnesota, 608; and California, 578.

EPIDEMIOLOGICAL REPORTS

Influenza

The Preventive Medicine Division SGO, Department of the Army, has reported that of 195 paired sera tested during the month of February, only 1 showed a significant antibody rise against influenza A, and 1 against influenza B in all areas of the United States. During the same month 2 paired sera from military personnel in Berlin, and also from 5 in Austria, showed a significant rise to influenza A. The United States Army Medical Research Unit at Kuala Lumpur, Malaya, reported an outbreak of influenza A among civilians beginning January 27 and ending February 16. There were 45 individuals ill among a group of 410. Seven of 8 paired sera showed a significant rise to influenza A [FM1 (1947)] and 2 hemagglutinating agents were recovered which were identified preliminarily as influenza A [FM1 (1947)]. Outbreaks of several hundred cases of influenza-like illnesses have been reported in 2 separate areas of Puerto Rico during the latter part of February. Four of the 5 samples of blood collected in these areas showed a significant rise in antibody titer to influenza A [FM1 (1947)]. Of 46 paired samples obtained in the Far East, only 1 has shown a rise in titer to influenza A.

The California State Health Department Viral and Rickettsia Disease Laboratory reports 6 additional serologic diagnoses of influenza B occurring during February in the State.

The Washington State Department of Health reports that an upper respiratory infection resembling influenza is causing considerable absenteeism in schools. In some schools the attack rate was as high as 80 percent.

Interstitial pneumonia

A supplemental report has been received from the California Department of Public Health on the outbreak of interstitial pneumonia which appeared in the Communicable Disease Summary for the week ended September 5, 1953. The outbreak was among premature infants in a hospital nursery. No viral or rickettsial agents were isolated from throat swabs and stool specimens

submitted to the Virus Laboratory. There are no additional details regarding this outbreak.

Infectious hepatitis

Dr. S. B. Osgood, Oregon State Board of Health, reports an outbreak of infectious hepatitis in an institution. Cases began to occur during the last few days of February, and by March 5 a total of 15 cases had been reported. The ages of those affected ranged from 8 to 21 years. Diagnosis was based on anorexia, nausea, vomiting, fever, liver tenderness, icterus, biliuria, and urinary urobilinogen. The outbreak was confined to one section of the institution which houses 120 female patients and about 30 employees. The food service, water supply, sewage disposal, and linen supply were common to all parts of the institution. Since all the cases occurred in one section of the institution, the outbreak probably resulted from exposure by contact with an unrecognized case or a carrier. Patients and attendants in this section were segregated from others in the institution, and those not affected were given gamma globulin.

A supplemental report from California gives 2 additional cases of infectious hepatitis for the outbreak which was reported in the Communicable Disease Summary for the week ended January 16, 1954. A total of 32 cases has occurred. The age group 20 years and over experienced the highest attack rate, and the rate in females was twice that in males. The study of this outbreak terminated prematurely, because the area was closed as part of a general program of evacuating most of the temporary housing areas.

Dr. J. D. Purvis, Pennsylvania Department of Health, reports an outbreak of infectious hepatitis consisting of 20 cases in a rural area of approximately 750 people. A survey of the community was made to determine the source of infection, but lack of positive evidence prevented a definite conclusion. Water, milk, and sanitary conditions were suspected. The water supply is principally from springs and wells, and some families reported that at times they used creek water when their wells were dry. Many of these sources are unprotected. Thirteen water samples were collected and 5 were found to be contaminated with coliform organisms. Some people own cows, but most of the milk (raw) was purchased from 2 or 3 common sources. Conditions around the homes in this area were extremely unsanitary, and recommendations were made for correcting these conditions.

Gastro-enteritis

Dr. C. M. Cameron, Jr., North Carolina State Board of Health, reports an outbreak of gastro-enteritis which resulted in the hospitalization of 17 persons and may have caused 1 fatality. The outbreak was limited to persons who had eaten banana custard pudding in a cafe. The illness was characterized by nausea, vomiting, abdominal cramps, and prostration. The custard was prepared and stored at room temperature for approximately 8 hours before its consumption. No food samples were available for laboratory test. Examination of food handlers failed to reveal any localized source of infection.

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Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	10th week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Mar. 13, 1954	Ended Mar. 14, 1953	Median 1949-53	First 10 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	¹ 2	1	1	4	7	9	(²)	(²)	(²)	(²)
Botulism-----049.1	-	-	---	6	4	---	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	39	30	---	³ 275	269	---	(²)	(²)	(²)	(²)
Diphtheria-----055	39	46	75	424	491	940	1,789	2,162	3,966	July 1
Encephalitis, infectious, Hepatitis, infectious, and serum-----092,N998.5 pt.	21	20	18	⁴ 184	170	123	(²)	(²)	(²)	(²)
Malaria-----110-117	1,389	523	---	⁵ 12,830	6,343	---	(²)	(²)	(²)	(²)
Measles-----085	4	4	---	64	89	---	(²)	(²)	(²)	(²)
Meningococcal infections-----057	23,166	13,853	19,211	141,285	83,200	121,456	177,377	114,634	150,846	Sept. 1
Poliomyelitis-----080	115	166	121	1,145	1,491	1,113	2,467	2,766	2,192	Sept. 1
Psittacosis-----096.2	88	75	69	1,303	1,375	1,058	35,757	57,670	33,308	Apr. 1
Rabies in man-----094	⁶ 4	-	---	29	2	---	(²)	(²)	(²)	(²)
Rocky Mountain spotted fever-----104A	-	-	-	71	-	1	(²)	(²)	(²)	(²)
Scarlet fever and streptococcal sore throat-----050,051	-	-	1	6	4	7	(²)	(²)	(²)	(²)
Smallpox-----084	5,088	4,511	3,079	⁸ 44,433	42,224	28,020	⁹ 79,067	78,812	49,490	Aug. 1
Trichiniasis-----128	-	1	1	-	2	5	(²)	(²)	(²)	(²)
Tularemia-----059	20	7	---	65	40	---	(²)	(²)	(²)	(²)
Typhoid fever-----040	7	9	9	142	110	153	(²)	(²)	(²)	(²)
Typhus fever, endemic-----101	44	17	35	322	225	332	2,336	2,237	2,429	Apr. 1
Whooping cough-----056	2	2	---	23	31	---	213	187	---	Apr. 1
Rabies in animals-----	1,054	503	1,059	⁹ 10,512	6,267	12,245	¹⁰ 20,269	14,124	26,509	Oct. 1
	217	211	---	¹⁰ 1,833	1,706	---	(²)	(²)	(²)	(²)

¹Reported in Pennsylvania.²Information not available or frequencies are too small.³Addition: Michigan, week ended March 6, 1 case.⁴Additions: Indiana, week ended February 27, 1 case; California, week ended March 6, 4 cases.⁵Addition: Louisiana, week ended March 6, 3 cases.⁶Connecticut, Montana, Oregon, and California, 1 case each.⁷The case of rabies in man reported from Missouri, for the week ended February 27, is in error due to a mistake in transmission.⁸Addition: Arizona, week ended March 6, 15 cases.⁹Addition: New Hampshire, week ended March 6, 5 cases.¹⁰Addition: Missouri, week ended February 13, 1 case.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-] : no cases reported; 3 dashes [---] : data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 14, 1953, AND MARCH 13, 1954

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	39	30	39	46	21	20	1,389	523	2	1	2	3
NEW ENGLAND-----	1	3	2	1	2	-	61	54	-	-	-	-
Maine-----	-	-	-	-	-	-	22	20	-	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	5	1	-	-	-	-
Massachusetts-----	1	1	2	1	2	-	26	20	-	-	-	-
Rhode Island-----	-	-	-	-	-	-	1	-	-	-	-	-
Connecticut-----	-	1	-	-	-	-	6	13	-	-	-	-
MIDDLE ATLANTIC-----	-	1	2	1	5	10	264	56	-	-	-	-
New York-----	-	-	1	-	5	10	207	51	-	-	-	-
New Jersey-----	-	1	-	-	-	-	10	-	-	-	-	-
Pennsylvania-----	-	-	1	1	-	-	47	5	-	-	-	-
EAST NORTH CENTRAL-----	16	7	3	2	5	4	126	51	-	-	-	-
Ohio-----	1	-	-	2	1	-	30	20	-	-	-	-
Indiana-----	6	-	2	-	1	-	24	8	-	-	-	-
Illinois-----	2	2	1	-	1	1	31	5	-	-	-	-
Michigan-----	2	2	-	1	2	2	31	13	-	-	-	-
Wisconsin-----	5	3	-	-	1	1	10	5	-	-	-	-
WEST NORTH CENTRAL-----	10	9	1	2	-	2	245	103	-	-	-	-
Minnesota-----	4	2	-	-	-	-	79	25	-	-	-	-
Iowa-----	2	5	-	-	-	-	109	50	-	-	-	-
Missouri-----	1	1	1	1	-	1	16	8	-	-	-	-
North Dakota-----	-	-	-	-	-	-	14	4	-	-	-	-
South Dakota-----	-	-	-	-	-	-	17	-	-	-	-	-
Nebraska-----	-	-	-	-	-	-	-	13	-	-	-	-
Kansas-----	3	1	-	1	-	1	10	3	-	-	-	-
SOUTH ATLANTIC-----	3	5	8	18	3	1	312	95	-	-	-	1
Delaware-----	-	-	-	-	-	-	1	-	-	-	-	-
Maryland-----	-	-	-	-	-	-	18	6	-	-	-	1
District of Columbia-----	-	-	-	-	-	-	-	4	-	-	-	-
Virginia-----	1	4	1	3	-	1	218	31	-	-	-	-
West Virginia-----	-	-	1	1	-	-	30	22	-	-	-	-
North Carolina-----	-	-	5	4	1	-	28	14	-	-	-	-
South Carolina-----	-	-	-	3	2	-	2	-	-	-	-	-
Georgia-----	2	1	-	3	-	-	9	13	-	-	-	-
Florida-----	-	-	1	4	-	-	6	5	-	-	-	-
EAST SOUTH CENTRAL-----	1	-	8	2	1	2	101	98	-	-	-	1
Kentucky-----	-	-	2	-	-	-	14	58	-	-	-	-
Tennessee-----	-	-	2	2	-	1	59	19	-	-	-	-
Alabama-----	1	-	4	-	1	-	3	17	-	-	-	1
Mississippi-----	-	-	-	-	-	1	25	4	-	-	-	-
WEST SOUTH CENTRAL-----	5	2	12	11	1	1	83	17	1	1	1	-
Arkansas-----	-	-	3	-	-	-	7	3	-	-	-	-
Louisiana-----	2	-	1	1	-	-	13	-	-	-	1	-
Oklahoma-----	1	1	4	3	-	-	16	8	-	-	-	-
Texas-----	2	1	4	7	1	1	47	6	1	1	-	-
MOUNTAIN-----	1	1	2	7	-	-	48	15	1	-	-	-
Montana-----	-	-	2	1	-	-	8	-	-	-	-	-
Idaho-----	-	1	-	5	-	-	20	4	-	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	-	-	-	-	-	4	6	-	-	-	-
New Mexico-----	-	-	-	-	-	-	3	1	-	-	-	-
Arizona-----	1	-	-	1	-	-	11	-	1	-	-	-
Utah-----	-	-	-	-	-	-	2	4	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	2	1	2	4	-	149	34	-	-	1	1
Washington-----	1	-	-	1	-	-	38	5	-	-	1	-
Oregon-----	-	-	-	-	-	-	38	10	-	-	-	-
California-----	1	2	1	1	4	-	73	19	-	-	-	1
Alaska-----	-	1	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	2	-	-	-	-	-
Puerto Rico-----	-	-	11	1	-	-	-	-	-	-	-	-

¹Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 14, 1953, AND MARCH 13, 1954—Con.

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES		MENINGO-COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	(085)		1954	1953	Total ²		Paralytic (080.0, 080.1)		Nonparalytic (080.2)		1954	1953
	1954	1953			1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	23,166	13,853	115	166	88	75	34	22	26	12	-	-
NEW ENGLAND-----	504	167	7	6	5	1	2	-	1	1	-	-
Maine-----	261	4	1	1	-	-	-	-	-	-	-	-
New Hampshire-----	7	-	1	1	-	-	-	-	-	-	-	-
Vermont-----	78	8	-	2	-	-	-	-	-	-	-	-
Massachusetts-----	76	94	4	-	3	1	2	-	1	1	-	-
Rhode Island-----	60	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	22	61	1	2	2	-	-	-	-	-	-	-
MIDDLE ATLANTIC-----	3,885	855	10	26	7	4	-	-	-	-	-	-
New York-----	2,751	204	3	8	4	2	-	-	-	-	-	-
New Jersey-----	220	115	2	5	-	-	-	-	-	-	-	-
Pennsylvania-----	914	536	5	13	3	2	-	-	-	-	-	-
EAST NORTH CENTRAL-----	4,363	3,701	24	25	7	10	2	2	3	-	-	-
Ohio-----	832	1,000	9	8	-	1	-	-	-	-	-	-
Indiana-----	1,008	88	1	2	1	3	-	-	-	-	-	-
Illinois-----	908	566	7	13	2	4	1	-	-	-	-	-
Michigan-----	1,376	485	5	1	3	2	1	2	2	-	-	-
Wisconsin-----	239	1,562	2	1	1	-	-	-	1	-	-	-
WEST NORTH CENTRAL-----	701	1,806	10	6	3	4	-	-	1	-	-	-
Minnesota-----	65	136	2	1	-	-	-	-	-	-	-	-
Iowa-----	273	572	2	-	1	-	-	-	1	-	-	-
Missouri-----	30	267	3	4	-	-	-	-	-	-	-	-
North Dakota-----	26	54	-	-	1	-	-	-	-	-	-	-
South Dakota-----	22	18	1	-	-	1	-	-	-	-	-	-
Nebraska-----	135	39	1	-	-	2	-	-	-	-	-	-
Kansas-----	150	720	1	1	1	1	-	-	-	-	-	-
SOUTH ATLANTIC-----	3,676	846	17	43	10	9	2	1	5	-	-	-
Delaware-----	40	34	1	1	-	-	-	-	-	-	-	-
Maryland-----	593	22	2	1	-	-	-	-	-	-	-	-
District of Columbia-----	159	8	-	3	-	-	-	-	-	-	-	-
Virginia-----	1,071	197	3	11	-	1	-	-	-	-	-	-
West Virginia-----	246	369	1	3	-	1	-	1	-	-	-	-
North Carolina-----	408	88	2	7	3	-	-	-	2	-	-	-
South Carolina-----	390	26	3	8	-	-	-	-	-	-	-	-
Georgia-----	322	82	1	5	-	2	-	-	-	-	-	-
Florida-----	447	20	4	4	7	5	2	-	3	-	-	-
EAST SOUTH CENTRAL-----	2,895	527	11	20	3	3	-	2	1	-	-	-
Kentucky-----	1,592	116	7	9	1	2	-	2	1	-	-	-
Tennessee-----	763	183	1	3	-	1	-	-	-	-	-	-
Alabama-----	443	170	3	4	1	-	-	-	-	-	-	-
Mississippi-----	97	58	-	4	1	-	-	-	-	-	-	-
WEST SOUTH CENTRAL-----	3,846	3,635	17	21	21	14	12	5	5	1	-	-
Arkansas-----	72	779	2	4	1	2	-	1	1	-	-	-
Louisiana-----	175	30	10	8	4	1	4	1	-	-	-	-
Oklahoma-----	96	40	-	2	-	3	-	-	-	-	-	-
Texas-----	3,503	2,786	5	7	16	8	8	3	4	1	-	-
MOUNTAIN-----	911	770	1	2	9	6	4	-	-	-	-	-
Montana-----	63	93	-	-	3	1	3	-	-	-	-	-
Idaho-----	184	11	-	-	1	1	-	-	-	-	-	-
Wyoming-----	74	6	-	-	1	-	-	-	-	-	-	-
Colorado-----	36	290	-	1	-	1	-	-	-	-	-	-
New Mexico-----	91	113	-	-	1	-	1	-	-	-	-	-
Arizona-----	106	74	1	1	2	2	-	-	-	-	-	-
Utah-----	350	175	-	-	1	1	-	-	-	-	-	-
Nevada-----	7	8	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2,385	1,546	18	17	23	24	12	12	10	10	-	-
Washington-----	619	197	3	5	-	-	-	-	-	-	-	-
Oregon-----	104	176	2	3	2	1	-	1	1	-	-	-
California-----	1,662	1,173	13	9	21	23	12	11	9	10	-	-
Alaska-----	10	13	-	-	1	-	1	-	-	-	-	-
Hawaii-----	7	1	-	-	5	1	4	-	1	-	-	-
Puerto Rico-----	48	51	-	-	3	1	3	-	-	-	-	-

²Includes cases not specified by type, category number (080.3).

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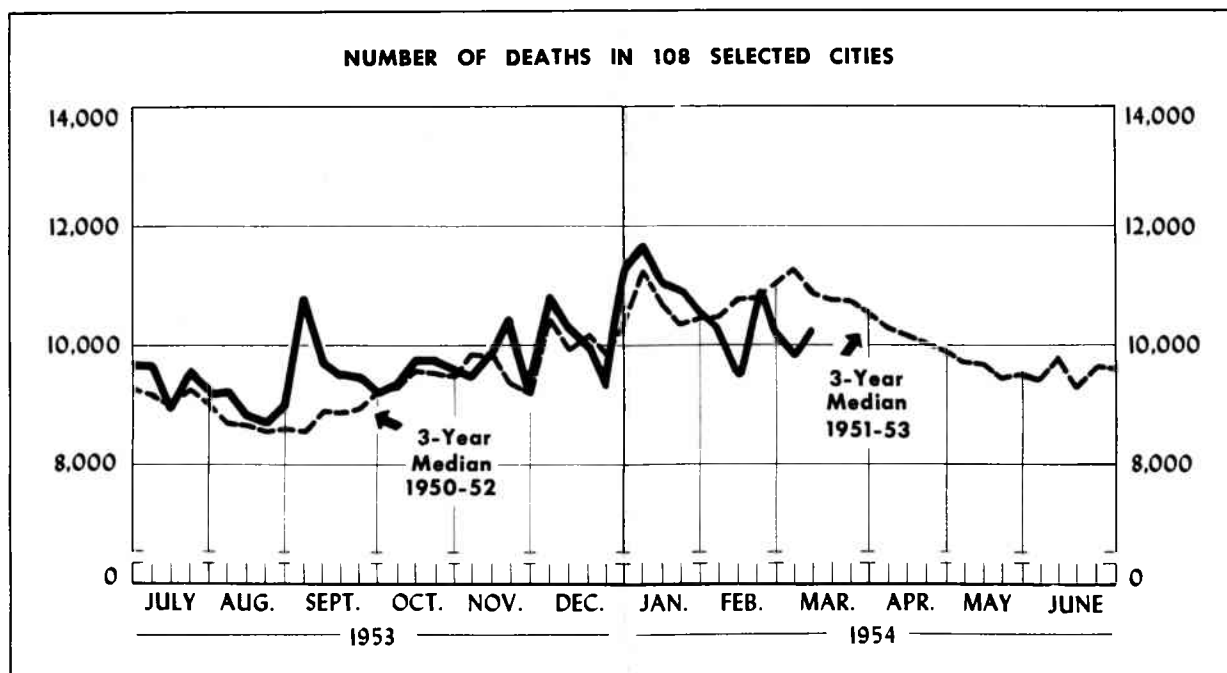
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED MARCH 14, 1953, AND MARCH 13, 1954—Con.

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051)		TRICHI- NIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOPPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953		1954	1953	1954	1953		1954	1953	1954	1953
CONT. UNITED STATES-----	5,088	4,511	20	7	9	44	17	2	1,054	503	217	211
NEW ENGLAND-----	472	363	-	-	-	1	1	-	152	60	-	-
Maine-----	81	50	-	-	-	-	-	-	10	19	-	-
New Hampshire-----	21	9	-	-	-	1	-	-	-	-	-	-
Vermont-----	38	11	-	-	-	-	1	-	27	5	-	-
Massachusetts-----	156	119	-	-	-	-	-	-	78	20	-	-
Rhode Island-----	31	23	-	-	-	-	-	-	8	1	-	-
Connecticut-----	145	151	-	-	-	-	-	-	29	15	-	-
MIDDLE ATLANTIC-----	839	876	7	-	-	4	3	-	248	152	11	7
New York-----	426	565	7	-	-	1	2	-	136	73	10	7
New Jersey-----	105	122	-	-	-	1	-	-	34	27	-	-
Pennsylvania-----	308	189	-	-	-	2	1	-	78	52	1	-
EAST NORTH CENTRAL-----	868	861	10	1	1	3	5	-	176	76	22	26
Ohio-----	227	241	-	-	-	1	2	-	42	14	1	2
Indiana-----	125	91	-	-	-	-	-	-	20	9	9	4
Illinois-----	185	182	-	1	1	1	1	-	27	5	9	8
Michigan-----	194	194	-	-	-	1	1	-	68	21	2	8
Wisconsin-----	137	153	10	-	-	-	1	-	19	27	1	4
WEST NORTH CENTRAL-----	264	272	-	1	-	1	2	-	39	10	20	14
Minnesota-----	71	69	-	-	-	-	-	-	12	1	1	6
Iowa-----	54	53	-	-	-	-	-	-	-	6	2	2
Missouri-----	41	49	-	-	-	1	2	-	6	2	16	5
North Dakota-----	9	38	-	1	-	-	-	-	8	1	-	1
South Dakota-----	30	8	-	-	-	-	-	-	-	-	-	-
Nebraska-----	10	8	-	-	-	-	-	-	-	-	1	-
Kansas-----	49	47	-	-	-	-	-	-	13	-	-	-
SOUTH ATLANTIC-----	497	416	-	-	3	4	4	1	51	39	46	44
Delaware-----	3	7	-	-	-	-	-	-	-	-	-	-
Maryland-----	62	104	-	-	-	-	1	-	10	3	-	1
District of Columbia-----	15	7	-	-	-	-	-	-	3	6	-	-
Virginia-----	129	162	-	-	2	1	2	-	19	11	10	13
West Virginia-----	82	51	-	-	-	1	1	-	7	11	12	9
North Carolina-----	136	33	-	-	-	-	-	-	7	6	3	3
South Carolina-----	5	7	-	-	-	-	-	-	5	-	3	4
Georgia-----	34	26	-	-	1	1	-	-	-	1	10	13
Florida-----	31	19	-	-	-	1	-	1	-	1	8	1
EAST SOUTH CENTRAL-----	292	124	-	2	3	20	-	-	86	11	44	62
Kentucky-----	169	46	-	1	2	6	-	-	57	3	6	17
Tennessee-----	102	55	-	-	-	12	-	-	13	3	14	15
Alabama-----	9	17	-	1	-	2	-	-	13	4	15	24
Mississippi-----	12	6	-	-	1	-	-	-	3	1	9	6
WEST SOUTH CENTRAL-----	1,001	661	-	2	-	8	2	1	141	99	71	51
Arkansas-----	90	62	-	-	-	2	-	-	25	4	5	5
Louisiana-----	6	8	-	2	-	-	-	-	1	3	35	15
Oklahoma-----	57	35	-	-	-	2	1	-	9	10	3	1
Texas-----	848	556	-	-	-	4	1	1	106	82	28	30
MOUNTAIN-----	343	379	-	1	2	2	-	-	42	15	3	-
Montana-----	8	65	-	-	2	-	-	-	-	-	-	-
Idaho-----	19	155	-	-	-	1	-	-	-	1	-	-
Wyoming-----	28	54	-	-	-	-	-	-	-	-	-	-
Colorado-----	24	42	-	-	-	-	-	-	2	2	1	-
New Mexico-----	37	11	-	-	-	1	-	-	15	7	1	-
Arizona-----	175	4	-	-	-	-	-	-	24	5	1	-
Utah-----	47	47	-	1	-	-	-	-	1	-	-	-
Nevada-----	5	1	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	512	559	3	-	-	1	-	-	119	41	-	7
Washington-----	120	221	-	-	-	1	-	-	55	10	-	-
Oregon-----	108	64	-	-	-	-	-	-	18	1	-	-
California-----	284	274	3	-	-	-	-	-	46	30	-	7
Alaska-----	6	7	-	-	-	-	-	-	-	-	-	-
Hawaii-----	1	-	-	-	-	-	-	2	1	3	-	-
Puerto Rico-----	-	-	-	-	-	1	2	-	72	31	-	-

Report for February.



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	10th week ended March 13, 1954	9th week ended March 6, 1954	10th week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 10 WEEKS		
					1954	1953	Percent change
TOTAL: 106 REPORTING CITIES-----	10,080	9,676	10,621	-5.1	103,518	113,845	-9.1
New England----- (14 cities)	667	670	758	-12.0	7,118	7,483	-4.9
Middle Atlantic----- (17 cities)	2,938	2,951	3,238	-9.3	31,019	33,711	-8.0
East North Central----- (17 cities)	2,189	1,995	2,316	-5.5	21,486	24,138	-11.0
West North Central----- (9 cities)	749	654	729	+2.7	7,499	8,890	-15.6
South Atlantic----- (9 cities)	789	809	824	-4.2	8,027	9,196	-12.7
East South Central----- (8 cities)	443	473	489	-9.4	4,964	5,459	-9.1
West South Central----- (13 cities)	850	776	777	+9.4	8,309	8,701	-4.5
Mountain----- (7 cities)	170	193	197	-13.7	1,969	2,382	-17.3
Pacific----- (12 cities)	1,285	1,155	1,407	-8.7	13,127	13,885	-5.5

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 13, 1954

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	10th week ended Mar. 13, 1954	9th week ended Mar. 6, 1954	CUMULATIVE NUMBER FOR FIRST 10 WEEKS		CITY	10th week ended Mar. 13, 1954	9th week ended Mar. 6, 1954	CUMULATIVE NUMBER FOR FIRST 10 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	203	235	2,289	2,526	St. Louis-----	247	208	2,377	2,796
Bridgeport-----	39	29	360	350	St. Paul-----	53	52	682	760
Cambridge-----	31	28	299	298	Wichita-----	35	40	423	449
Fall River-----	36	25	304	317	SOUTH ATLANTIC				
Hartford-----	51	33	482	515	Atlanta-----	106	114	1,107	1,165
Lowell-----	33	29	315	295	Baltimore-----	221	221	2,367	2,701
Lynn-----	16	23	244	227	Charlotte-----	30	47	319	313
New Bedford-----	18	19	241	281	Jacksonville-----	(36)	(55)	(518)	---
New Haven-----	44	51	502	512	Miami-----	55	62	623	719
Providence-----	59	68	675	701	Norfolk-----	27	36	314	387
Somerville-----	16	15	158	172	Richmond-----	68	52	660	760
Springfield, Mass.-----	45	40	440	389	Savannah-----	(21)	(30)	(292)	---
Waterbury-----	24	33	273	289	Tampa-----	60	74	614	695
Worcester-----	52	42	536	611	Washington, D. C.-----	194	164	1,686	2,099
					Wilmington, Del.-----	28	39	337	357
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	47	47	478	492	Birmingham-----	67	84	837	816
Allentown-----	(34)	(54)	(372)	---	Chattanooga-----	32	43	500	484
Buffalo-----	125	147	1,542	1,491	Knoxville-----	28	33	364	383
Camden-----	29	30	385	387	Louisville-----	104	125	1,118	1,222
Elizabeth-----	34	21	307	334	Memphis-----	92	72	992	1,234
Erie-----	44	36	342	380	Mobile-----	41	35	344	357
Jersey City-----	51	73	773	783	Montgomery-----	34	28	302	339
Newark, N. J.-----	95	104	1,072	1,199	Nashville-----	45	53	507	624
New York City-----	1,510	1,521	16,286	17,983	WEST SOUTH CENTRAL				
Paterson-----	38	41	410	439	Austin-----	39	14	260	302
Philadelphia-----	487	487	4,756	5,253	Baton Rouge-----	28	21	254	150
Pittsburgh-----	198	167	1,734	1,882	Corpus Christi-----	22	20	165	196
Reading-----	(28)	(20)	(221)	---	Dallas-----	100	97	1,045	1,059
Rochester, N. Y.-----	85	90	979	1,107	El Paso-----	37	15	284	334
Schenectady-----	18	27	269	255	Fort Worth-----	51	50	551	653
Scranton-----	(30)	(13)	(334)	---	Houston-----	158	111	1,373	1,361
Syracuse-----	60	55	590	596	Little Rock-----	35	45	436	463
Trenton-----	56	51	507	533	New Orleans-----	168	174	1,636	1,778
Utica-----	35	38	315	313	Oklahoma City-----	54	63	618	623
Yonkers-----	26	16	274	284	San Antonio-----	82	92	827	935
EAST NORTH CENTRAL					Shreveport-----	31	30	373	476
Akron-----	51	54	561	674	Tulsa-----	45	44	497	371
Canton-----	34	30	336	310	MOUNTAIN				
Chicago-----	724	682	7,284	8,542	Albuquerque-----	24	19	278	312
Cincinnati-----	137	144	1,429	1,663	Colorado Springs-----	10	5	116	147
Cleveland-----	231	170	2,120	2,337	Denver-----	90	111	1,034	1,308
Columbus-----	111	101	1,102	1,226	Ogden-----	12	13	104	132
Dayton-----	64	77	682	661	Phoenix-----	20	23	252	262
Detroit-----	324	306	3,285	3,557	Pueblo-----	12	18	148	159
Evansville-----	33	30	322	376	Salt Lake City-----	(26)	---	---	(509)
Flint-----	58	32	398	390	Tucson-----	2	4	37	62
Fort Wayne-----	22	21	245	351	PACIFIC				
Gary-----	(19)	(34)	(254)	---	Berkeley-----	16	7	190	193
Grand Rapids-----	47	39	427	447	Long Beach-----	34	51	486	523
Indianapolis-----	---	(100)	---	(1,275)	Los Angeles-----	528	431	4,858	5,051
Milwaukee-----	129	118	1,276	1,437	Oakland-----	94	76	992	1,090
Peoria-----	37	38	344	331	Pasadena-----	19	45	323	390
South Bend-----	25	15	220	240	Portland, Oreg.-----	93	76	976	1,065
Toledo-----	113	93	952	978	Sacramento-----	60	48	521	540
Youngstown-----	49	45	503	618	San Diego-----	50	64	720	795
WEST NORTH CENTRAL					San Francisco-----	180	167	1,957	2,208
Des Moines-----	44	47	466	553	Seattle-----	135	106	1,280	1,210
Duluth-----	34	17	262	304	Spokane-----	35	46	466	456
Kansas City, Kans.-----	28	27	303	359	Tacoma-----	41	38	358	364
Kansas City, Mo.-----	128	104	1,147	1,487	Honolulu-----	(42)	(53)	(363)	(336)
Minneapolis-----	115	98	1,195	1,440					
Omaha-----	65	61	644	742					

Symbols.—parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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